

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
30 June 2005 (30.06.2005)

PCT

(10) International Publication Number
WO 2005/058573 A1

(51) International Patent Classification⁷: B29C 44/12, F16L 59/20, 59/02, B29D 23/00

(21) International Application Number: PCT/EP2004/0531 10

(22) International Filing Date: 25 November 2004 (25.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: GE2003 AOOOI 10
18 December 2003 (18.12.2003) IT

(71) Applicant (for all designated States except US): SOCOTHERM S.p.A. [IT/IT]; Strada Pelosa 171, 1-36100 VICENZA (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BERTI, Enrico [IT/IT]; Via Canaletti 14, 1-45011 ADRIA, Province of Rovigo (IT). VARAGNOLO, Roberto [IT/IT]; Rione S. Andrea 169, 1-30015 CHIOGGIA, Province of Venezia (IT). GUIDETTI, Gianpietro [IT/IT]; Via Dosso Dossi 5, 1-44100 S. AGOSTINO, Province of Ferrara (IT). ZANELLATO, Giorgio [IT/IT]; Via Einaudi 13 Loc. Baricetta, 1-45011 ADRIA, Province of Rovigo (IT). CO-COLICCHIO, Alberto [IT/IT]; Via Europa 39, 1-45017 LOREO, Province of Rovigo (IT).

(74) Agents: PORSIA, Attilio et al.; Succ. Ing. Fischetti & Weber, 3/2, Via Caffaro, 1-16124 GENOVA (IT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(48) Date of publication of this corrected version:

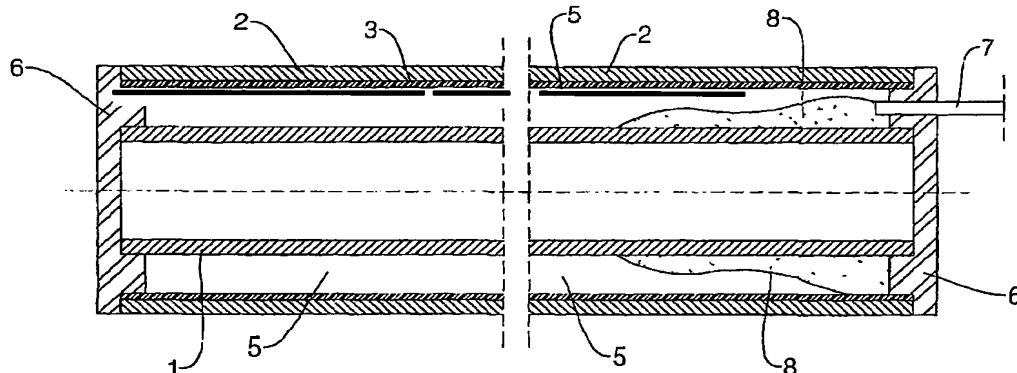
20 April 2006

(15) Information about Correction:

see PCT Gazette No. 16/2006 of 20 April 2006

[Continued on next page]

(54) Title: METHOD FOR MANUFACTURING AND HEAT-INSULATED PIPES FOR CONVEYING HOT OR COLD FLUIDS



(57) Abstract: Method for manufacturing, and heat-insulated pipes comprising coaxial tubes sliding relative to each other with controlled friction: (a) applying a film (3) of non-adhesive and lubricating material onto the inner surface of a first outer casing tube (2) and/or onto the outer surface of a second inner carrier tube (1); b) fixing a series of spacers (4) made of heat-insulating material onto the inner carrier tube (1); c) coupling and centring the outer casing tube (2) on the inner carrier tube (1); d) mounting suitable sealing flanges (6) on the ends of said tubes (1, 2) coupled together; f) supplying, via the flange or flanges (6) and by suitable means (7), liquid resin which, as a result of subsequent expansion, fills completely the cavity (5) formed between said tubes (1, 2); g) removing the flanges.

WO 2005/058573 A1

WO 2005/058573 A1



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.